

DEC 10 2004

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## 510(k) Summary

**510(k) Number:** K041553  
**Contact Person:** Ann Waterhouse, Regulatory Affairs Specialist  
**Address:** 1370 Creekside Boulevard, Naples, FL 34108  
**Telephone:** (239) 643-5553  
**Date Prepared:** May 2004

**Trade/Proprietary Name:** Arthrex Suture Grafting Kit  
**Product Code:** GAT  
**Classification Name:** Suture, Non-absorbable, Synthetic, Polyester  
**Predicate Devices:** Arthrex K032245, Arthrex K021434, Arthrex K010673, Arthrex K012923, Grams American Suture K003590, Arthrex K012923, ARC Medical Supplies K000540, Genzyme Surgical Product K001434.

This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of 21 CFR 807.92.

### Intended Use:

The Arthrex Fiberwire™ and FiberTape™ Families are intended for use in soft tissue approximation and or ligation. These sutures may be incorporated, as components, into surgeries where constructs including those with allograft or autograft tissues are used for repair.

### Description:

Arthrex, Inc. suture grafting kits contain Fiberwire™ and FiberTape™ sutures of varying lengths and needle types, as components. The sutures are made of long chain polyesters and braided with a variety of cleared fiber material and sterilized for surgical use. They are available in dyed and non-dyed varieties, with or without needles.

### Substantial Equivalence:

The Arthrex, Inc. Suture Grafting Kit is substantially equivalent to predicate devices where the basic features and intended uses are the same. Minor differences between the Arthrex FiberWire sutures and FiberTapes and the predicate devices do not raise any questions concerning safety and effectiveness and have no apparent effect on the performance, function, or intended use of this device.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

DEC 10 2004

Ms. Ann Waterhouse  
Regulatory Affairs Specialist  
Arthrex, Inc.  
1370 Creekside Boulevard  
Naples, Florida 34108

Re: K041553  
Trade/Device Name: Arthrex Suture Grafting Kit  
Regulation Number: 21 CFR 878.5000  
Regulation Name: synthetic non-absorbable PET suture  
Regulatory Class: II  
Product Code: GAT  
Dated: October 21, 2004  
Received: October 22, 2004

Dear Ms. Waterhouse:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

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This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

*for Miriam C. Provost*

Celia M. Witten, Ph.D., M.D.

Director

Division of General, Restorative  
and Neurological Devices

Office of Device Evaluation

Center for Devices and Radiological Health

Enclosure

510(k) Number (if known): K041553

Device Name: **Arthrex Suture Grafting Kit**

Indications for Use:

The Arthrex Fiberwire™ and FiberTape™ Families are intended for use in soft tissue approximation and or ligation. These sutures may be incorporated, as components, into surgeries where constructs including those with allograft or autograft tissues are used for repair.

Prescription Use   X   AND/OR Over-The-Counter Use             
(Part 21 CFR 801 Subpart D) (21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

Miriam C. Provost  
(Division Sign-Off)  
**Division of General, Restorative,  
and Neurological Devices**

**510(k) Number** K041553